

Form PTO-1449

Docket Number 391442001122

Application Number 09/743,561

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

BRIDGER et al.

Filing Date January 8, 2001

Group Art Unit To Be Assigned 1624

Mailing Date October 17, 2001

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
BC	1.	06/1991	5,021,409	Murrer et al.	514	183	
BC	2.	12/1996	5,583,131	Bridger et al.	514	183	
BC	3.	12/1997	5,698,546	Bridger et al.	514	183	
BC	4.	10/1998	5,817,807	Bridger et al.	<del>514</del> 540	474	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
BC	5.	06/1991	EP 0 434 385	EPO	—	—	
BC	6.	12/1996	EP 0 747 368	EPO	—	—	
BC	7.	06/1993	WO 93/12096	WIPO	—	—	
BC	8.	07/1995	WO 95/18808	WIPO	—	—	
BC	9.	10/1992	WO 92/16494	WIPO	—	—	
BC	10.	01/2000	WO 00/02870	WIPO	—	—	
BC	11.	08/2000	WO 00/45814	WIPO	—	—	

OTHER DOCUMENTS

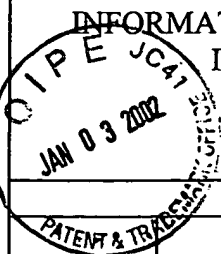
(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
BC	12.	International Search Report based on International Application No. PCT/CA99/00619
	13.	Arenburg et al., "The Role of CXC Chemokines in the Regulation of Angiogenesis in Non-small Cell Lung Cancer", J. LEUKOCYTE BIOL. 62(5):554-562 (1997)
	14.	Bleul et al., "The Lymphocyte Chemoattractant SDF-1 is a Ligand for LESTR/Fusin and Blocks HIV-1 Entry", NATURE, 382(6594): 829-832 (1996)
BC	15.	Boshoff et al., "Angiogenic and HIV-Inhibitory Functions of KSHV-Encoded Chemokines", SCIENCE, 278(5336):290-294 (1997)
BC	16.	Bridger et al., "Synthesis and Structure-Activity Relationships of Phenylenebis (methylene)-Linked Bis-Tetraazamacrocycles That Inhibit HIV Replication. Effects of Macrocyclic Ring Size and

EXAMINER: Brenda Coleman

DATE CONSIDERED: Sept. 13, 2002

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		Substituents on the Aromatic Linker", J. MED. CHEM. 38:366-378 (1995)	
BC	17.	Bridger et al., "Synthesis and Structure-Activity Relationships of Phenylenebis (methylene)-Linked Bis-Tetraazamacrocycles That Inhibit HIV Replication. 2. Effect of Heteroaromatic Linkers on the Activity of Bicyclams", J. MED. CHEM., 39(1):109-119 (1996)	
BC	18.	Carroll et al. "Differential Regulation of HIV-1 Fusion Cofactor Expression by CD28 Costimulation of CD4 <sup>+</sup> T Cells", SCIENCE, 276(5310):273-276 (1997)	
BC	19.	Chemical Abstracts, 113:40649 (1990)	
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BC	21.	Chemical Abstracts, 123:56538 (1994)	
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BC	26.	Hoxie et al., "CD4-Independent Infection by HIV-2 is Mediated by Fusin/CXCR4", CELL, 87:745-756 (1996)	
BC	27.	Joao et al. "Quantitative Structural Activity Relationship Study of Bis-Tetraazacyclic Compounds. A Novel Series of HIV-1 and HIV-2 Inhibitors", J. MED. CHEM. 38:3865-73 (1995)	
/	28.	Leff, "Besides Aiding AIDS Entry, Receptor Honchos Fetal Growth of Brain, Gut, Blood Systems", BIOWORLD TODAY, 9:111 (1998)	
/	29.	Martin et al., HELV CHEM. CHEM. SOC. 73:149-153 (1990) (copy not enclosed)	
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/	31.	Morphy et al., "Towards Tumour Targeting with Copper-Radiolabelled Macrocyclic-Antibody Conjugates: Synthesis, Antibody Linkage, and Complexation Behaviour", J. CHEM. SOC. PERKIN TRANS., 2:573-85 (1990)	
/	32.	Oberlin et al., "The CXC Chemokine SDF-1 is the Ligand for LESTR/Fusin and Prevents Infection by T-Cell-Line-Adapted HIV-1", NATURE, 382:833-835 (1996)	
/	33.	Ponath et al., "Chemokine Receptor Antagonists: Novel Therapeutics for Inflammation and AIDS", EXP. OPIN. INVEST. DRUGS, 7:1-18 (1998)	
EXAMINER: <i>Brenda Coleman</i>		DATE CONSIDERED: <i>Sept. 13, 2002</i>	
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34. / Schols et al., "Inhibition of T-Tropic HIV Strains by Selective Antagonization of the Chemokine Receptor CXCR4", J. EXP. MED., 186(8):1383-88 (1997)
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38. / Zou et al., "Function of the Chemokine Receptor CXCR4 in Haematopoiesis and In Cerebellar Development", NATURE, 393:595-99 (1998)

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